



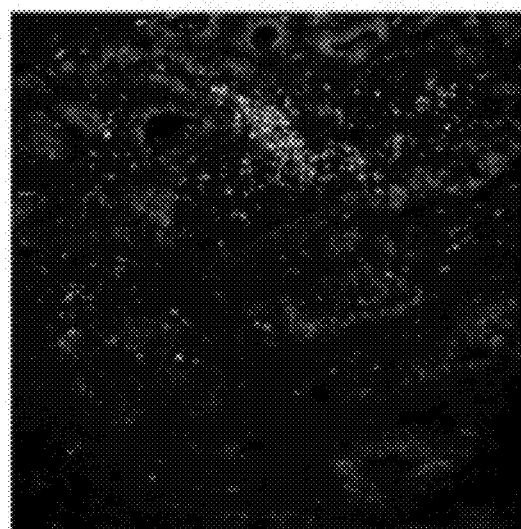
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Subramanian et al.(10) **Pub. No.: US 2021/0220456 A1**(43) **Pub. Date: Jul. 22, 2021**(54) **TUMOR CELL-DERIVED EXOSOMES AND
METHOD OF TREATING COLORECTAL
CANCER**(71) Applicant: **REGENTS OF THE UNIVERSITY
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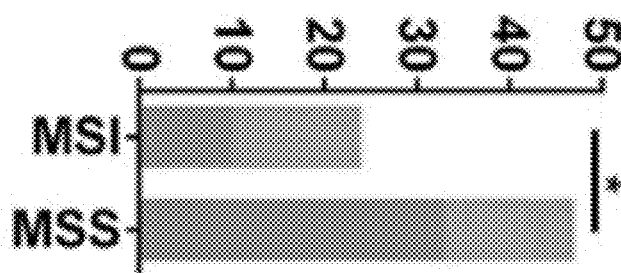
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ABSTRACT

The present invention provides tumor-derived extracellular vesicles (EVs) lacking an immune suppressive factor, for example, miR-424, methods of making and methods of use for treating cancer. Further the present invention provide vaccine compositions comprising modified tumor-derived EVs for use in treating secondary tumors.

Specification includes a Sequence Listing.**A****High T-cell infiltration****Low T-cell infiltration**

DAPI, E-Cad, CD3, CD8, CD11b

Total case # **High T-cell infiltration** **Low T-cell infiltration**